CHAPTER 4

REVISIONS TO THE DRAFT EIR

In accordance with Section 15132(e) of the CEQA Guidelines, this chapter summarizes revisions made to the Draft EIR resulting from the response to comments (see Chapter 3). The changes are presented by page number in each chapter that appears in the Draft EIR. The full text of the revised Table 2-1 of the Draft EIR, which summarizes impacts, control measures, and mitigation measures, is included in Chapter 2 of this Responses to Comments Document. Revised or new appendix material is included at the end of this report.

Chapter 2. Summary

- Page 2-1. The second sentence of the second paragraph is modified as follows:

  "~~West County Landfill~~ **West Contra Costa Sanitary Landfill,** Inc. (Applicant) . . ."

- Page 2-4. The projected opening date for the Phase I Trail at the bottom of page 2-4 is amended as follows:

Trail segment	Projected opening date
Phase I	~~December 1, 2003~~ **Spring 2004**

- Page 2-9. The third sentence of the bulleted paragraph under Class II Landfill is amended as follows:

  "According to the Applicant's most recent site life projections based on a landfill height of 130 msl (Table ~~3-5~~ **3-6** in Chapter 3), the landfill will be filled by ~~October 2003~~ **May 2004** if the former Soil Remediation Building remains in place . . ."

- Page 2-11. The first sentence of the third paragraph is modified as follows:

  "The Preferred Environmental Alternative (PEA), as discussed in Chapter 13 of this EIR, includes the Project proposed by the Applicant (**including increasing the maximum landfill elevation (top of waste) to 160 feet msl**) the mitigation measures . . ."

- Page 2-11. The first sentence of the third paragraph is modified as follows:

  ". . . The Preferred Environmental Alternative . . . includes . . . elimination of Phase 4 of the Trail **including the proposed levee along the west side of Area C to the first breach in the outer levee,** the Area A location . . ."

- Page 2-15. Control Measure 5-1(a) is modified as follows:

  "a) The liquefaction analysis for the WCCSL would be updated in ~~late 2003~~ **2004** and recommendations . . ."

- Page 2-28. The following provision is added to Mitigation Measure 9-1:

  "**g) Due to the possible hazard to Trail users, the Bayside Trail (Barrier) Planting Recommendations would be revised to eliminate poison oak from the revegetation planting palette and from any future landscaping plans for the Project.**"

- Page 2-29. Mitigation Measure 9-4(a) is modified as follows:

  "a) The Phase 4 alignment of the Trail would be eliminated from the proposed Project to avoid the ~~require~~ **resulting** disturbance to shoreline habitat on this portion of the site and prevent the potential disruption to wildlife habitat and movement along the existing isolated levee segment. **The proposed Phase 1 Trail improvements from the southern end of the mainland levee along the west side of Area C to the first breach in the outer levee would also be eliminated from the proposed Project, serving to minimize potential disturbance to approximately half of the open water and mudflat habitat in Area C. Split rail fending or similar barrier would be installed within 10 yards of the point where the levee narrows north of the proposed kayak staging area.**"

- Page 2-29. The following addition is made to Mitigation Measure 9-4:

  "**c) Permanent signage would be installed as part of the required interpretive program on both sides of the water access at the proposed kayak staging area to inform kayak users that access into the sloughs of the coastal salt marsh to the southeast is prohibited during the nesting season to prevent possible disturbance to rails and other wildlife. The signage would state:**

  Sensitive Wildlife Habitat
  No Kayak Access to Marshland and Sloughs
  During Bird Nesting Season –
  February 1 through August 31"

- Page 2-30. Mitigation Measure 10-1(f) is amended as follows:

  "f) Exposed stockpiles (dirt, sand, etc.) would either be enclosed, covered, watered twice daily or more often if windy **unless a non-erosive soil crust is maintained**, or receive application of non-toxic soil stabilizers."

- Page 2-31. Control Measure 10-2(c) is modified as follows:

  "c) Roads, unloading areas and the processing area of the WRC **mixed waste processing area** would be paved, . . ."

- Page 2-31. Control Measure 10-2(g) is modified as follows:

  "g) ~~Green waste, w~~**W**ood waste and composting materials would be watered as unloaded, **the surfaces of the unloading areas would be routinely sprayed with water during the dry season, and materials would be periodically watered during the dry season prior to grinding**."

- Page 2-35. The third bulleted item under Mitigation Measure 10-5(c) is modified as follows:

  ". . . collected via odor panel with flux chamber protocols. **The Applicant shall help design the odor monitoring program with regulatory agency input and oversight.** Downwind odor data . . ."

- Page 2-36. Control Measure 10-6(a) is modified as follows:

  "a) Only wastes that are consistent with 14 CCR, §17863.4 ~~and the OIMP~~ would be accepted."

- Page 2-42. The following Control Measure is added to Impact 11-1:

  "**g) If the Waste Shuttle Facility needs to be used until the WRC construction is complete, wind screens and litter fencing would be used during high wind conditions to help minimize the risks to employees at the sorting line, and to control litter.**"

- Page 2-42. The following Control Measure is added to Impact 11-3:

  "**a) Contract agreements with builders and tenant operators shall contain control measures for spills of diesel and other chemicals.**"

- Page 2-45. Control Measure 11-6(b) is modified as follows:

  "b) ~~Greed waste, w~~**W**ood waste and composting materials would be watered as unloaded, **the surfaces of the unloading areas would be routinely**

sprayed with water during the dry season, and materials would be periodically watered during the dry season prior to grinding."

Chapter 3. Project Description

- Page 3-3. The second sentence of the last paragraph is modified as follows:

  "~~This range in volume of waste represents approximately 650 TPD7 (365 days per year average).~~ **From January 1 to November 30, 2003, the wastes received at the site have averaged 802 TPD7.**

- Page 3-5. The bulleted items are modified as follows:

  "? Treated auto shredder waste which is **not** shredded on site (existing)."

  "? **Green material most of which is shredded on site**"

  "? Construction and demolition (C&D) debris which **is shredded on site and** includes mixtures . . ."

- Page 3-7. The first sentence at the top of the page is modified as follows:

  ". . . WCWD Sewer Use Ordinance No. 9-19-89**,** Permit No. 011 issued by the WCWD to the Applicant**, and the agreement/permit for leachate disposal executed between the Applicant and WCWD on March 26, 1999.**"

- Page 3-15. Footnote "b" for Table 3-3 is modified as follows:

  "About ~~12~~ **12,000** tons per year of dried lagooned sludge . . ."

- Page 3-19. The second sentence of the second full paragraph is modified as follows:

  "The design capacity of the WRC mixed waste processing area would be 1,000 TPD7 **(1,400 TPD7 peak)**, which is . . ."

- Page 3-26. Table 3-4 is modified as follows:

Table 3-4. Projected Diversion Provided by Facilities at the WCCSL

Facility component	Waste received, TPD**7**	Recycle/reuse, TPD**7**	Remaining waste landfilled, TPD**7**	Amount diverted, percent
WRC – Mixed waste area	1,000	250	750	25
WRC – Organics processing area	Included in composting or wood waste			
Composting	450	~~504~~**405**	45	90
Wood waste recovery	360	324	36	90
Concrete/asphalt processing	1,450	1,450	0	100
Soil reclamation (soil reclamation + biosolids/dredged materials)	535	510	25	95
Wet/dusty materials	140	130	10	93
WCCSL Totals	3,935	3,069	866	78
Central IRRF (2002) Totals	150	128	22	85
West County Processing Totals	4,085	3,197	888	78

Source: WCL and Brown and Caldwell, January 2003.

- Page 3-35. The first sentence of the first paragraph is modified as follows:

  ". . . the total amount of wastes estimated to be in place in the Class II site was about ~~19,299,000~~ **19,503,000** CY or ~~10.6~~ **10.754** million tons as of ~~May 31, 2002~~ **July 2003,**[~~38~~] **based on ongoing capacity analyses by the Applicant.**"

- Page 3-42. The projected opening date for the Phase I Trail is modified as follows:

  "Phase I ~~December 1, 2003~~ **Spring 2004**"

- Page 3-43. The listing of permits is modified to include the following:

Permit title and number	Issuing agency
Major Facility Review Permit Facility IIA 1840 (Title V permit)	**BAAQMD**

Chapter 4. Land Use, Plans, and Policies

- Page 4-2. The last sentence of the second paragraph is modified as follows:

  "Area**s A, B, and** C ~~was~~ **were** originally intended . . ."

- Page 4-23. The last sentence of the Hotline subsection is modified as follows:

  "…debris shall be collected within 24 **to 48** hours of verification, **unless additional time is allowed by the applicable permitting authority.**"

Chapter 5. Geology, Soils, and Seismicity

- Page 5-6. The first full paragraph is modified as follows:

  "The Vacaville-Winters earthquake of 1892 occurred on the CRCV boundary approximately ~~29~~ **37** miles north of the WCCSL, and had an estimated magnitude of ~~6.8~~ **6.4** (M_w).[~~75,83~~] Two after shocks were reported in 1892 of magnitudes 5.8 and 6.4 in the vicinity of Vacaville. Other activity on the CRCV includes a magnitude ~~6.3~~ **6.0** event near Antioch, approximately ~~12~~ **26** miles northeast of the site in 1889, and a magnitude ~~5.9~~ **6.0** event in Patterson, approximately ~~45~~ **68** miles southeast of the site in 1866."

- Page 5-10. The fourth sentence of the second complete paragraph is amended as follows:

  "As discussed in Chapter 6, Section D3, however, a separate Class II landfill leachate line ~~to the WCWD sludge lagoons~~ will be completed in **February 2004. The pipeline will allow Class II leachate (but not HWMF leachate) to be transported directly to the WCWD plant. The WCWD will then route the leachate to the City of Richmond Wastewater Treatment Plant through the existing sludge transport pipeline, which joins the WCWD and City plants, when the pipeline is not in use.**

- Page 5-10. The first sentence of the fourth full paragraph is modified as follows:

  "The soil-attapulgite slurry wall is ~~8 to 10~~ **located about 40** feet south of the former Soil Remediation Building . . ."

- Page 5-13. Item 2 is modified as follows:

  "~~This peer review is ongoing.~~ **The peer review was completed in May 2003 and concurred with the analysis results.**"

- Page 5-17. The last sentence of the incomplete paragraph at the top of the page is amended as follows:

  "That work is scheduled to be completed in ~~late 2003~~ **2004** and recommendations . . ."

- Page 5-17. Control Measure 5-1(a) is modified as follows:

  "a) The liquefaction analysis for the WCCSL would be updated in ~~late 2003~~ **2004** and recommendations . . ."

- Page 5-23. The second sentence of the paragraph on Global Landfill Stability is modified as follows:

  "This analysis was conducted pursuant to RWQCB Order No. R2-2001-0066 and the peer review of the analysis as required by the Order ~~is ongoing~~ **was completed in May 2003 and concurred with the analysis results.**"

- Page 5-25. Figure 5-3 has been modified to show the correct location of Section 1-1 and is included at the end of this chapter.

Chapter 6. Water Resources

- Page 6-4. The last sentence at the bottom of the page is amended as follows:

  "However, construction of a separate Class II leachate line ~~to the WCWD sludge lagoons~~ **is** scheduled to be completed by ~~late 2003,~~ **February 2004.** ~~leachate flows will then be routed directly to the City's Wastewater Treatment Plant.~~ **The pipeline will allow Class II leachate (but not HWMF leachate) to be transported directly to the WCWD plant. The WCWD will then route the leachate to the City of Richmond Wastewater Treatment Plant through the existing sludge transport pipeline, which joins the WCWD and City plants, when the pipeline is not in use.**

- Page 6-7. The following sentence is added to the bottom of the first paragraph as follows:

  "**However, San Pablo Creek is now being re-monitored in 2003/2004 per the direction of DTSC with the results also being submitted to the RWQCB.**"

- Page 6-7. Item 5 is modified as follows:

  "5. September 1, ~~2004~~ **2005** – submittal . . ."

- Page 6-7. The second sentence of the last paragraph is modified as follows:

  "The SWPPP (~~December 1996~~ **August 2003**) is included . . ."

- Page 6-8. The first bulleted item is modified as follows:

  "Water Quality Order Numbers 91-13-DWA and 92-12-DWQ (NPDES CAS000001), and **Permit No. 97-03-DWQ.**"

- Page 6-9. Figure 6-3 has been deleted from the Draft EIR.

- Page 6-13. The last sentence of the fourth full paragraph is modified as follows:

"~~For discharge of Class II leachate directly to the City's treatment plant, the Applicant would comply with City Ordinance No. 3-00 and the agreement executed with the City on April 24, 2001.~~[48] **There are various agreements in place between the Applicant, the City, and WCWD that involve the discharge of the Class II leachate from the landfill ultimately to the City's treatment plant. Because the discharge first goes to the WCWD, the Applicant must comply with all applicable WCWD regulations and ordinances. Through the agreements, WCWD is the "discharger" and must comply with City Ordinance No, 3-00 as does the Applicant, indirectly.**"

Chapter 7. Aesthetics and Visual Quality

- Page 7-16. The following paragraphs have been added to the bottom of the page. Figures 7A and 7B are included at the end of this chapter.

"**The spreading and drying of biosolids and dredged materials on the landfill sideslopes would also not create a significant adverse aesthetic impact. Photographs provided by the Applicant are included as Figures 7A and 7B which illustrate the visual aspects of biosolids application on the sideslopes based on actual operation experience in 2003. The photographs were taken from the Phase 1 Trail alignment and view the southern slope of the landfill.**

Figure 7A is a view of the sideslope which shows grass-covered areas where biosolids were spread in 2001 and 2002 and barren areas which had not yet received 2003 biosolids applications and which were infertile. The barren areas shown would be typical of the areas of the southern slope that would receive biosolids/dredged materials. In the proposed Project, the spreading and drying operation would start in April and the other grass-covered slopes would soon begin to dry out and the grass color would change to gray and brown.

Figure 7B shows the boundaries of the 2003 south slope biosolids spreading areas which received biosolids applications during the summer and fall of 2003 after the drying cycle. The figure shows areas where straw was spread to cover the biosolids and areas where straw coverage was not provided. The pile of compost in the background is called out as a reference for the appropriate color of the biosolids when first being spread on the sideslope. After several weeks of drying, the biosolids application areas would have a gray or tan color. Drying produces a crust and when this crust is broken by a tractor working the slope, the darker color would reappear until the next drying occurred. Eventually, grass will return to the sideslope and the area will be green in color during the winter and early spring months. Thus, throughout the year, the sideslope areas would appear as a mosaic of different earthtone colors that is not considered substantially adverse.

Chapter 8. Traffic and Circulation

- Page 8-22. The third sentence of the first paragraph of Impact 8-6 is modified as follows:

  "The Model also shows the extension of Hilltop Drive being connected to the Richmond Parkway in 2015, **though this connection occurred in 2003.**"

- Page 8-26. Add the following to the bottom of the second paragraph:

  "**The Applicant has indicated that business management practices at the WRC would result in the number of transfer vehicles to be minimized to control operating costs, which would result in travel times being spaced throughout the day. The Applicant anticipates that the 3 to 6 transfer vehicles entering the I-80 freeway in a 1-hour period would be spaced over the 1-hour period, thus minimizing impacts to traffic congestion.**"

Chapter 9. Biological Resources

- Page 9-14. The following additional provision is added to Mitigation Measure 9-1:

  "**g) Due to the possible hazard to Trail users, the Bayside Trail (Barrier) Planting Recommendations would be revised to eliminate poison oak from the revegetation planting palette and from any future landscaping plans for the Project.**"

- Page 9-18. Mitigation Measure 9-4(a) is modified as follows:

  "a) The Phase 4 alignment of the Trail would be eliminated from the proposed Project to avoid the ~~require~~ **resulting** disturbance to shoreline habitat on this portion of the site and prevent the potential disruption to wildlife habitat and movement along the existing isolated levee segment. **The proposed Phase 1 Trail improvements from the southern end of the mainland levee along the west side of Area C to the first breach in the outer levee would also be eliminated from the proposed Project, serving to minimize potential disturbance to approximately half of the open water and mudflat habitat in Area C. Split rail fencing or similar barrier would be installed within 10 yards of the point where the levee narrows north of the proposed kayak staging area.**"

- Page 9-18. The following provision is added to Mitigation Measure 9-4:

"**c) Permanent signage would be installed as part of the required interpretive program on both sides of the water access at the proposed kayak staging area to inform kayak users that access into the sloughs of the coastal salt marsh to the southeast is prohibited during the nesting season to prevent possible disturbance to rails and other wildlife. The signage would state:**

> **Sensitive Wildlife Habitat**
> **No Kayak Access to Marshland and Sloughs**
> **During Bird Nesting Season –**
> **February 1 through August 31**"

Chapter 10. Air Quality and Odor

- Page 10-3. The second and third sentences in the last paragraph are modified as follows:

  "The closest monitoring site to the WCCSL is located in San Pablo (a few miles ~~west~~ **east** of the WCCSL site). Table 10-3 summarizes air quality data from this monitoring site during the period ~~1999-2001~~ **2000-2002**."

- Page 10-6. The last sentence from the first paragraph is modified as follows:

  "The Federal and State standards for ozone are ~~also~~ exceeded . . ."

- Page 10-7. The second sentence of the third paragraph and the first sentence of the fourth paragraph are modified as follows:

  "Additionally, the BAA**Q**MD is responsible . . ."

  "The WCCSL operates under permits from the ~~BAAGMD~~ **BAAQMD**."

- Page 10-8. The following paragraph is added after the first paragraph:

  "**BAAQMD Regulation 6 limits the quantity of particulate matter in the atmosphere through the establishment of limitations on emission rates, concentration, visible emissions and opacity. Emission rate limits are in the form of maximum particulate mass loading rates within exhaust gases. This regulation prohibits extension of visible particulate plumes extending onto neighbor properties. Opacity limitations are maximum allowable levels of "darkness" for visible plumes.**"

- Page 10-8. The following paragraph is added as the first paragraph in Section 2b:

  "**The BAAQMD is responsible for regulating odors at all areas of the landfill, with the exception of odors from the composting/co-composting operations. In accordance with AB 59, which became law in 1995, odors from composting operations are regulated by the California Integrated Waste Management Board (CIWMB) through the Local Enforcement Agency (LEA). Odors associated with other activities at the landfill (e.g., green waste and wood waste processing, and sludge handling) are regulated by the BAAQMD.**"

- Page 10-9. The second sentence of the third full paragraph is amended as follows:

  "The revised **composting** regulations were adopted by the CIWMB at its November 19-20, 2002, meeting **and the regulations became effective April 2003**."

- Pages 10-14, 10-15, 10-16. Replace Tables 10-4, 10-5, and 10-6 with revised tables, shown on the following pages.

- Page 10-17. The second sentence of the third paragraph is modified as follows:

  "Two separate models were ~~constructed~~ **run**."

- Page 10-18. Mitigation Measure 10-1(f) is modified as follows:

  "f) Exposed stockpiles (dirt, sand, etc.) would either be enclosed, covered, watered twice daily or more often if windy **unless a non-erosive soil crust is maintained**, or receive application of non-toxic soil stabilizers."

- Page 10-19. Control Measure 10-2(c) is modified as follows:

  "c) Roads, unloading areas and the processing area of the WRC **mixed waste processing area** would be paved, . . ."

- Page 10-19. Control Measure 10-2(g) is modified as follows:

  "g) ~~Green waste, w~~**W**ood waste and composting materials would be watered as unloaded, **the surfaces of the unloading areas would be routinely sprayed with water during the dry season, and materials would be periodically watered during the dry season prior to grinding.**"

Table 10-4. Existing Project-Generated Emissions (Revised)

Emission source	ROG[a]	NO_X[a]	PM_{10}[a]
On-site emissions, pounds/day			
Process emissions			
Landfill/gas collection **system**	0.2	0.0	144.0
Landfill gas combustion	9.0	57.1	9.0
Concrete crushing	0.0	0.0	5.0
Asphalt crushing	0.0	0.0	5.0
Concrete screening	0.0	0.0	13.0
Concrete/asphalt storage	0.0	0.0	61.0
Wood shredder	0.0	0.0	52.0
Wood waste screener	0.0	0.0	20.0
Soil handling	0.0	0.0	0
Dusty material handling	0.0	0.0	0
Mobile equipment/ vehicle exhaust	39.8	296.6	12.3
Fugitive emissions	--	--	91.7
On-site total	49.0	353.7	413.0
Off-site emissions, pounds/day			
Off-site road vehicle**s** ~~exhaust~~	44.5	366.6	~~9.2~~ **36.3**
Total emissions, pounds/day			
Grand total, on and off site	93.5	720.3	~~422.2~~ **449.3**

a. ROG = Reactive Organic Gases
NO_x = Nitrogen Oxides
PM_{10} = Particulate Matter, 10 Microns

Source: Don Ballanti, Air Quality Consultant, March 2003.

Table 10-5. Year 2008 Project-Generated Emissions (Revised)

Emission source	ROG[a]	NO_X[a]	PM_{10}[a]
On-site emissions, pounds/day			
Process emissions			
Landfill/gas collection **system**	~~0.0~~ **0.1**	0.0	0.0
Landfill gas combustion	8.2	52.0	8.2
Concrete crushing	0.0	0.0	62.3
Asphalt crushing	0.0	0.0	62.3
Concrete screening	0.0	0.0	162.0
Concrete/asphalt storage	0.0	0.0	760.1
Wood shredder	0.0	0.0	218.4
Wood waste screener	0.0	0.0	84.0
Soil handling	0.0	0.0	4.2
Dusty material handling	0.0	0.0	17.0
Mobile equipment/ vehicle exhaust	26.8	156.1	4.4
Fugitive emissions	--	--	96.2
On-site total	~~35.0~~ **35.1**	208.1	~~1179.0~~ **1479.1**
Off-site emissions, pounds/day			
Off-site road vehicle**s** ~~exhaust~~	~~39.1~~ **41.1**	~~425.8~~ **457.1**	~~11.2~~ **54.0**
Total emissions, pounds/day			
Grand total, on and off site	~~74.1~~ **76.2**	~~633.9~~ **665.2**	~~1490.2~~ **1533.1**
Change from existing	~~-19.3~~ **-17.3**	~~-86.4~~ **-55.1**	~~+1068.0~~ **+1083.8**

a. ROG = Reactive Organic Gases
NO_x = Nitrogen Oxides
PM_{10} = Particulate Matter, 10 Microns

Source: Don Ballanti, Air Quality Consultant, March 2003.

Table 10-6. Year 2015 Project-Generated Emissions (Revised)

Emission source	ROG[a]	NO_X[a]	PM_{10}[a]
On-site emissions, pounds/day			
Process emissions			
Landfill/gas collection **system**	~~0.0~~ **0.1**	0.0	0.0
Landfill gas combustion	5.3	34.0	5.4
Concrete crushing	0.0	0.0	83.0
Asphalt crushing	0.0	0.0	83.0
Concrete screening	0.0	0.0	215.8
Concrete/asphalt storage	0.0	0.0	1012.6
Wood shredder	0.0	0.0	291.2
Wood waste screener	0.0	0.0	352.8
Soil handling	0.0	0.0	6.0
Dusty material handling	0.0	0.0	22.6
Mobile equipment/ vehicle exhaust	32.6	189.3	5.3
Fugitive emissions	--	--	128.3
On-site total	~~37.9~~ **38.0**	261.2	2206.0
Off-site emissions, pounds/day			
Off-site road vehicle**s** ~~exhaust~~	~~29.9~~ **30.8**	~~267.2~~ **284.5**	~~10.2~~ **52.7**
Total emissions, pounds/day			
Grand total, on and off site	~~67.8~~ **68.8**	~~528.4~~ **545.7**	~~2216.2~~ **2258.7**
Change from existing	~~-25.6~~ **-24.7**	~~-191.9~~ **-174.6**	~~+1794.0~~ **+1809.4**

a. ROG = Reactive Organic Gases
NO_x = Nitrogen Oxides
PM_{10} = Particulate Matter, 10 Microns

Source: Don Ballanti, Air Quality Consultant, March 2003.

- Page 10-28. The third bulleted item for Mitigation Measure 10-5(c) is modified as follows:

  ". . . collected via odor panel with flux chamber protocols. **The Applicant shall help design the odor monitoring program with regulatory agency input and oversight.** Downwind odor data . . ."

- Page 10-28. The third sentence of the first paragraph under Impact 10-6 is modified as follows:

  "With the proposed WRC, mixed waste processing operations would be in an enclosed structure (see Appendix 3D, Figure 3D-~~1~~+**2**)."

- Page 10-29. Control Measure 10-6(c) is modified as follows:

  "a) Only wastes that are consistent with 14 CCR §17863.4 ~~and the OIMP~~ would be accepted."

- Page 10-33. The first sentence of the second full paragraph is modified as follows:

  "Extended landfill disposal would be a source of odor but, as noted in ~~Section A-5~~ **Impact 10-5** of this chapter . . ."

Chapter 11. Health and Safety

- Page 11-1. The third sentence of the last paragraph is modified as follows:

  "~~An East Bay Municipal Utility District (EBMUD) water system hydrant is located one block off-site near the intersection of Parr Boulevard and Garden Tract Road.~~ **During 2003, two fire hydrants were installed and placed in operation on the WCL property; one at the south end of San Pablo Creek bridge and the second near the landfill gas power plant.**"

- Page 11-7. The third sentence of the second paragraph is modified as follows:

  "In early January 2001, an unusually large number of gulls were present at the WC**C**SL and . . ."

- Page 11-9. The following Control Measure is added:

  "**g) If the Waste Shuttle Facility needs to be used until the WRC construction is complete, windscreens and litter fencing will be used during high wind conditions to help minimize the risks to employees at the sorting line and to control litter.**"

- Page 11-21. The following Control Measure is added to Impact 11-3:

  "**a) Contract agreements with builders and tenant operators shall contain control measures for spills and other chemicals.**"

- Page 11-22. The first sentence of the first paragraph is modified as follows:

  "There should not be a significant increase in risks from LFG migration at the relocated equipment ~~office~~ **maintenance** building . . ."

- Page 11-27. The sixth sentence of the first paragraph is deleted as follows:

  "~~Both outdoor and indoor air in the natural environment contain all of the microorganisms, in variable amounts, that are associated with composting.~~"

- Page 11-29. Control Measure 11-6(b) is modified as follows:

  "b) ~~Green waste, w~~**W**ood waste and composting materials would be watered as unloaded, **the surfaces of the unloading areas would be routinely sprayed with water during the dry season, and materials would be periodically watered during the dry season prior to grinding.**"

Chapter 12. Noise

- Page 12-3. The end of the second paragraph is modified as follows:

  "can occur for every doubling of distance **from a point source**, depending on land uses and weather conditions. **Line sources, such as highways, typically attenuate at a rate of 3 to 4.5 dBA for every doubling of distance.**"

- Page 12-5. The first sentence of the fourth paragraph is modified as follows:

  ". . . to characterize the existing noise environment at the WCCSL **(Figure 12-1)**.

- Page 12-5. The third sentence of the fourth paragraph is modified as follows:

  ". . . approximately 1,365 feet from the LFG power plant **(Site 1)**, the average . . ."

- Page 12-5. The fourth sentence of the fourth paragraph is modified as follows:

  "Farther west along the southerly border (and Phase 1 Trail alignment), approximately 3,910 feet from the LFG power plant **(Site 2 on Figure 12-1)**, average . . ."

- Page 12-6. The first sentence of the first paragraph is modified as follows:

  ". . . automobile traffic on the Parkway **(Figure 12-1)**.

- Page 12-6. The second sentence of the first paragraph is modified as follows:

  ". . . at a distance of 210 feet from the centerline of Richmond Parkway **(Site 3)** and the other . . . from the centerline of Richmond Parkway **(Site 4)**.

- Page 12-6. The following sentence is added to the full first paragraph:

  "**The DNL along Richmond Parkway currently exceed the County and City of Richmond goal for outdoor noise exposure in residential areas where there are no sound walls.**"

- Page 12-7. The following sentence is added to the end of the first paragraph:

  "**The County does not have a quantitative noise ordinance that would limit landfill noise emissions.**"

- Page 12-9. The second paragraph is modified as follows:

  "For purposes of this evaluation, a 3dB**A** increase in ambient noise levels **(either hourly L_{eq} or DNL)** over those existing . . ."

- Page 12-11. The following sentence is added after the first sentence of the last paragraph:

  ". . . of about 80 dBA would be expected, **without any noise attenuating measures. The Applicant, however, will be constructing an 8-foot-high security/visual barrier berm in this area, which would reduce noise exposure to Trail users.** ~~However, t~~**T**his would . . ."

- Page 12-15. The end of the paragraph is amended as follows:

  ". . . be less than 3 dBA along the Richmond Parkway**.**~~and~~ **This is based on the fact that the volume of Project traffic projected under cumulative conditions is expected to be 43 percent greater than existing. Assuming that the truck percentage remains the same, the hourly L_{eq} and the DNL would increase by 1.6 dBA.** This is, therefore, less than significant.

Chapter 13. Alternatives

- Page 13-46. Subsection 4 is modified as follows:

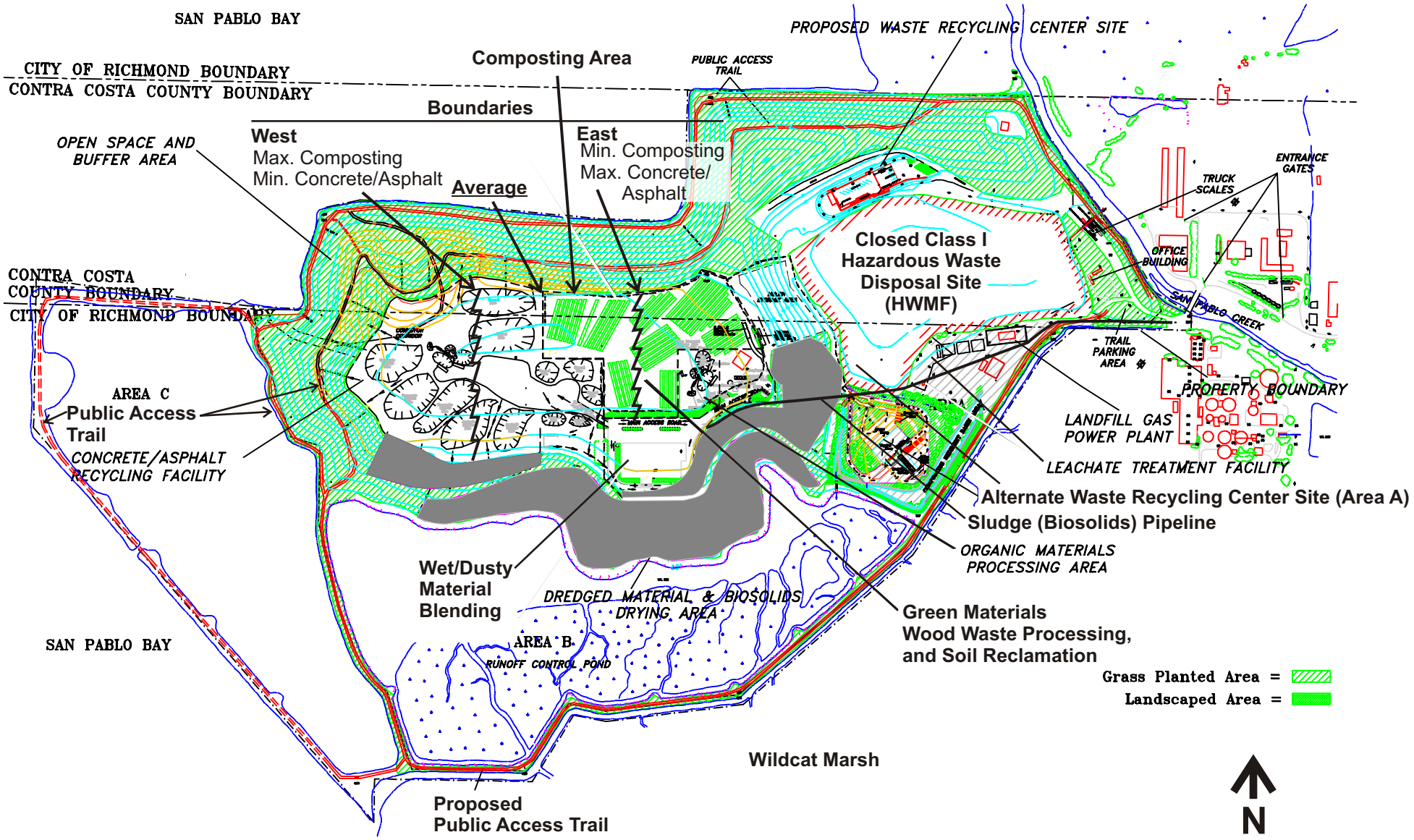
4. Public Access Trail

A key recommended mitigation measure is Chapter 9, Biological Resources, is the elimination of the Phase 4 alignment of the Trail **and the proposed Phase 1 Trail improvements from the southern end of the mainland levee along the west side of Area C to the first breach in the outer levee.** ~~The Phase 4 alignment~~ **These segments of the Trail** would loop around WCCSL Area C. Because the levee around Area C has been breached to allow for tidal action, two pedestrian bridges would need to be constructed. ~~Chapter 9~~ **This EIR** recommended Mitigation Measure 9-4(a) ~~to~~ eliminate**s** Phase 4 **and this Phase 1 segment** because the levee provides important resting, roosting, and nesting habitat for birds. Human access associated with ~~the Phase 4~~ **these segments of the Trail** alignment would greatly diminish and possibly eliminate the use of this area by many species. Thus, the PEA includes Phases 1 **(as modified),** 2, and 3 of the Trail as described in Chapter 3.

Revised/New Appendices

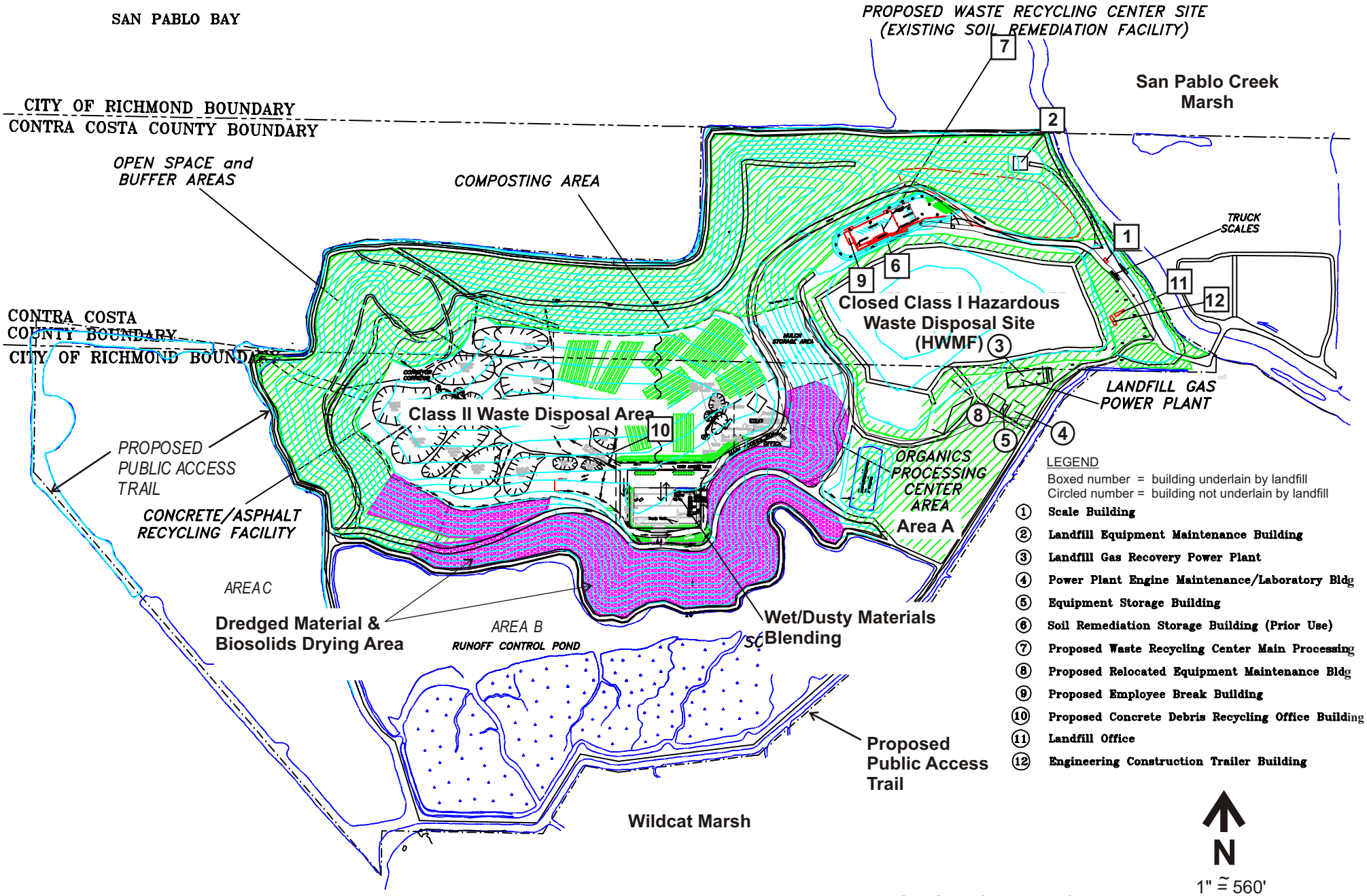
Appendix A. WCCSL Waste Acceptance Guidelines (Revised)
Appendix B. Draft EIR Appendix 10A, Spreadsheets for Calculation of Process Emissions (Revised)
Appendix C. Vehicle Trips Calculations (New)
Appendix D. Draft EIR Appendix 3H, Biosolids Management Plan Summary (Revised)

NEW/REVISED FIGURES



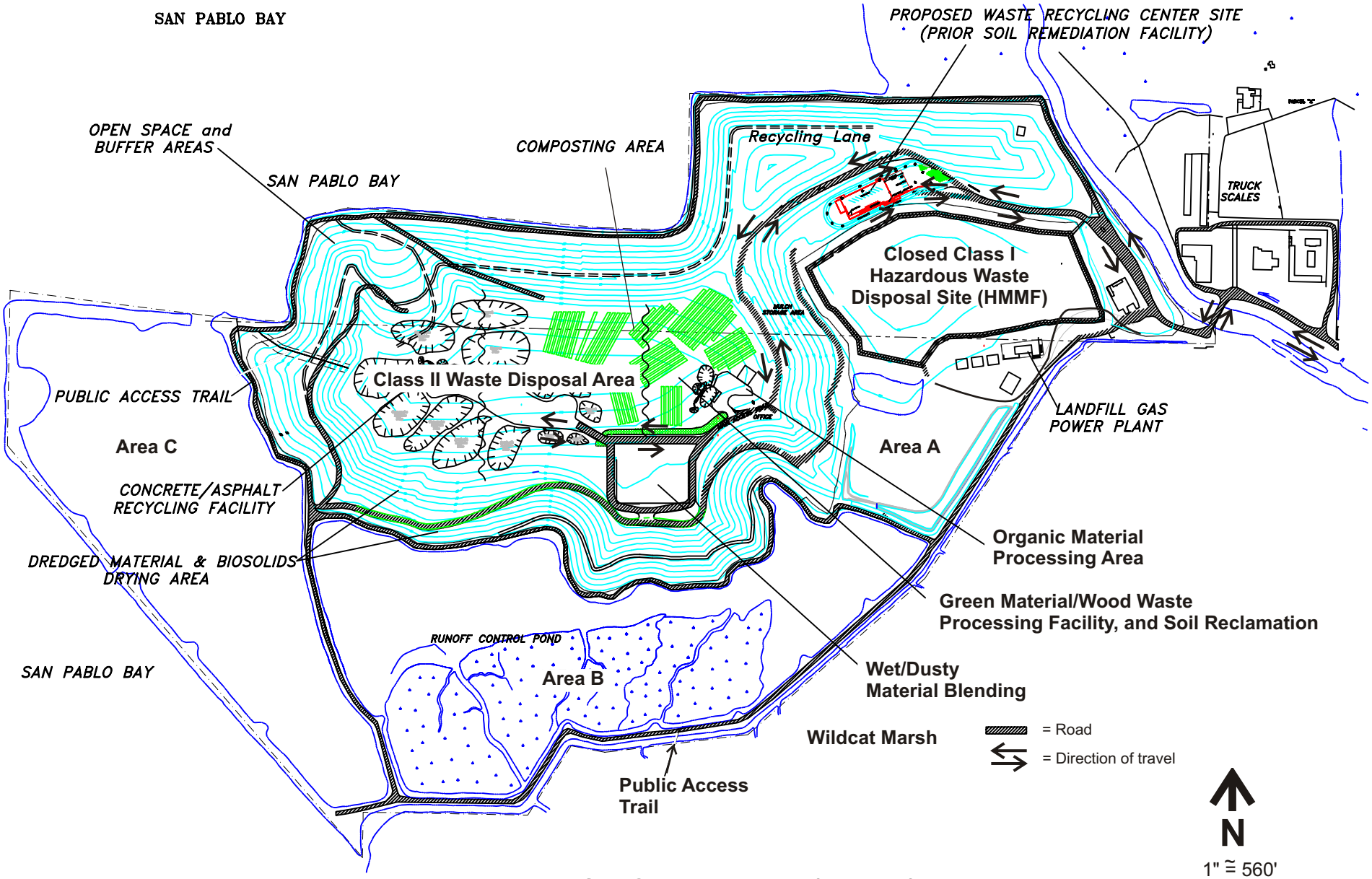
Source: WCL,February 2003

Figure 3-3 Site Development Plan (Revised)



Source: WCL. February 2004

Figure 3-4 Existing and Proposed Building Locations On Site (Revised)



Source: WCL, February 2003

Figure 3-5 Site Circulation Plan (Revised)

LISTING OF SIGNS BY REFERENCE NUMBER

(1) Entering Congested Traffic Area

(2) WEST COUNTY RESOURCE RECOVERY CENTER

(3) Green Material ↑
Wood Waste ↑
←WCCSL Office
Concrete & Asphalt ↑
←Trash Rubbish

(4) WCCSL Office

(5) ← EXIT

(6) Exit →
←Green Material
←Wood Waste
←Compost
←Mulch

(7) ONE–WAY
DO NOT ENTER

(8) ONE–WAY
DO NOT ENTER

(9) STOP
EXIT→

(10) Authorized Vehicles Only

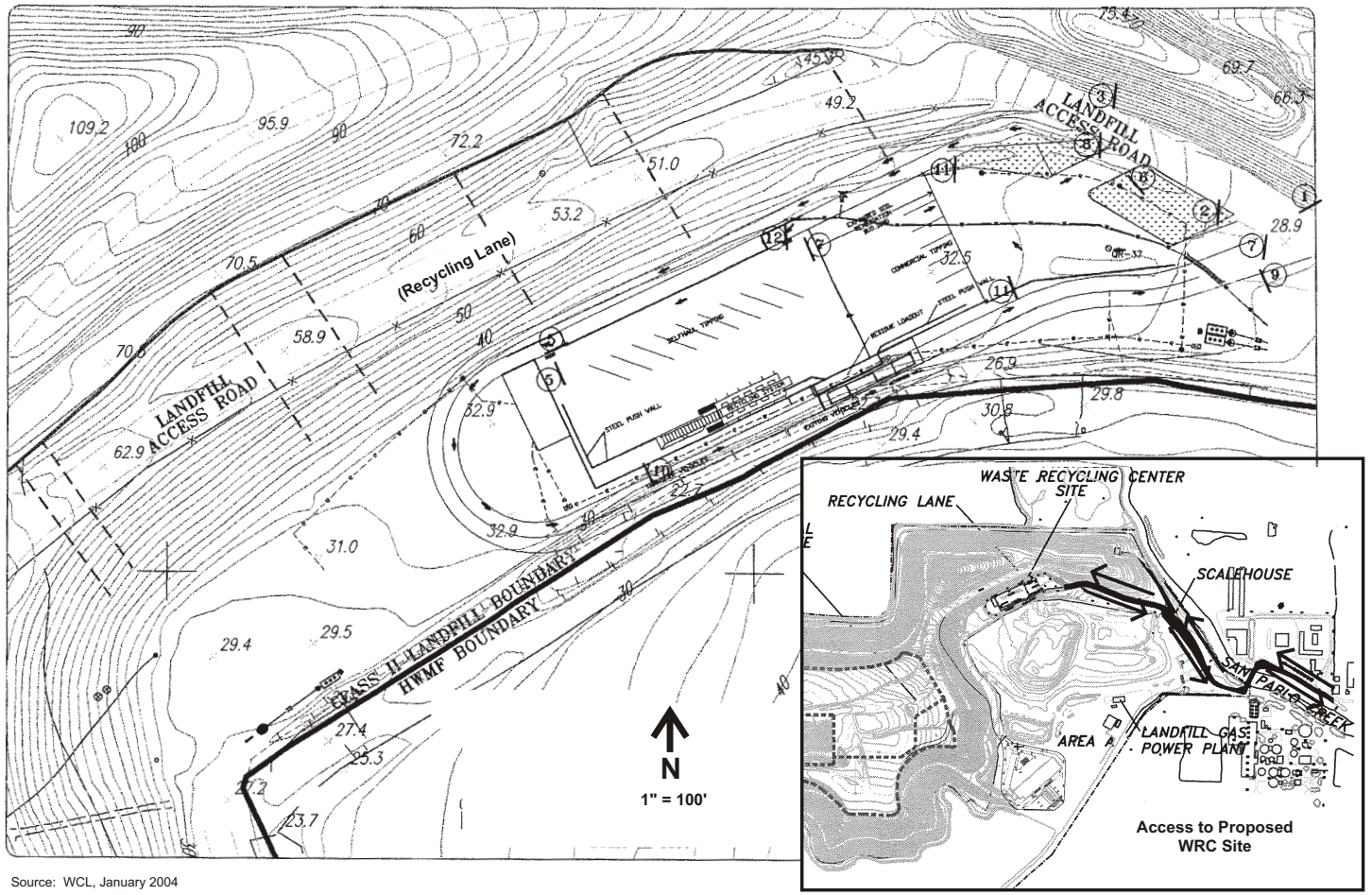
(11) Use Caution When Backing Into Building

(12) Watch For Moving Vehicles

Legend

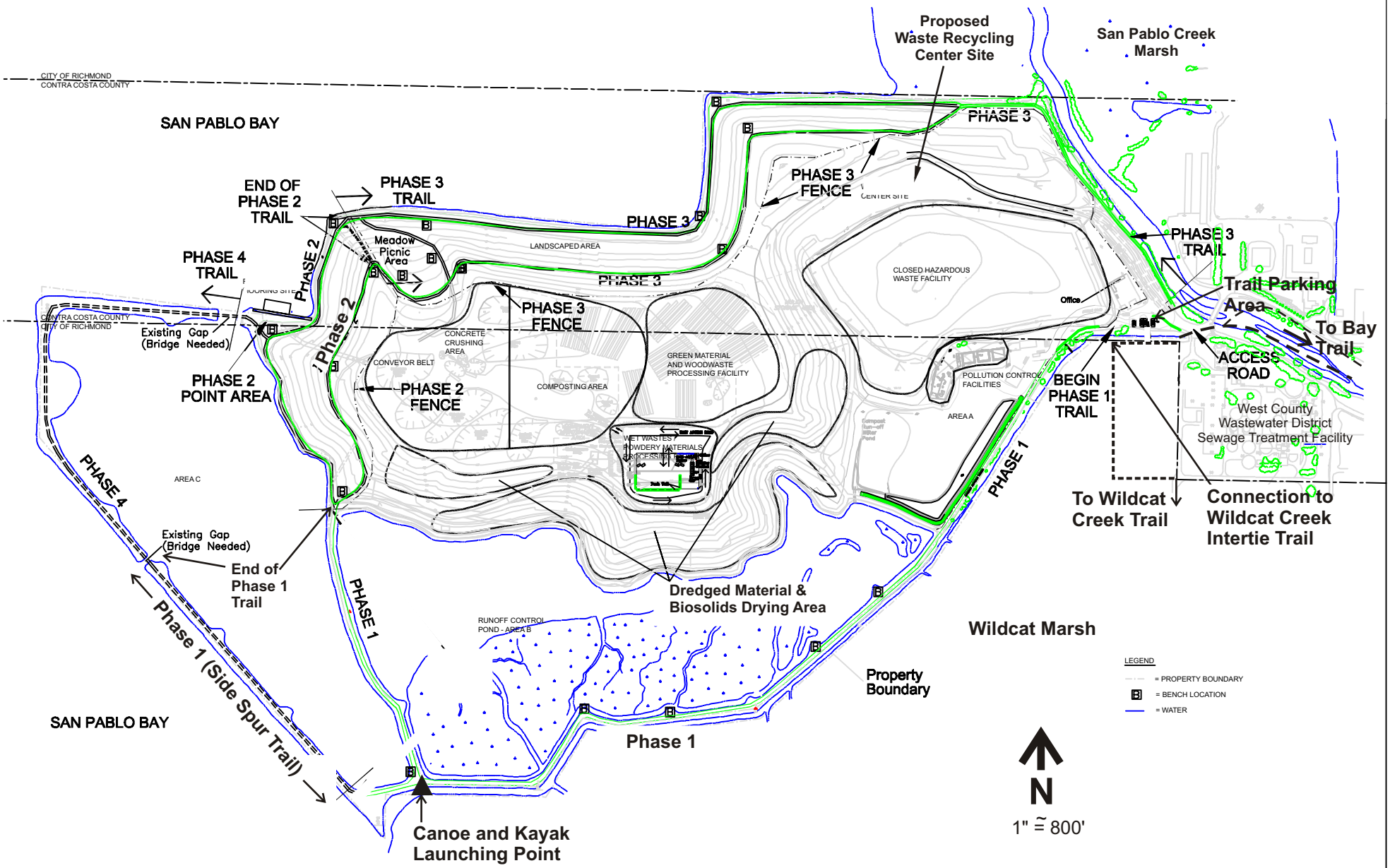
(10) = Flat side is the direction sign is facing

⇄ = Direction of vehicle traffic



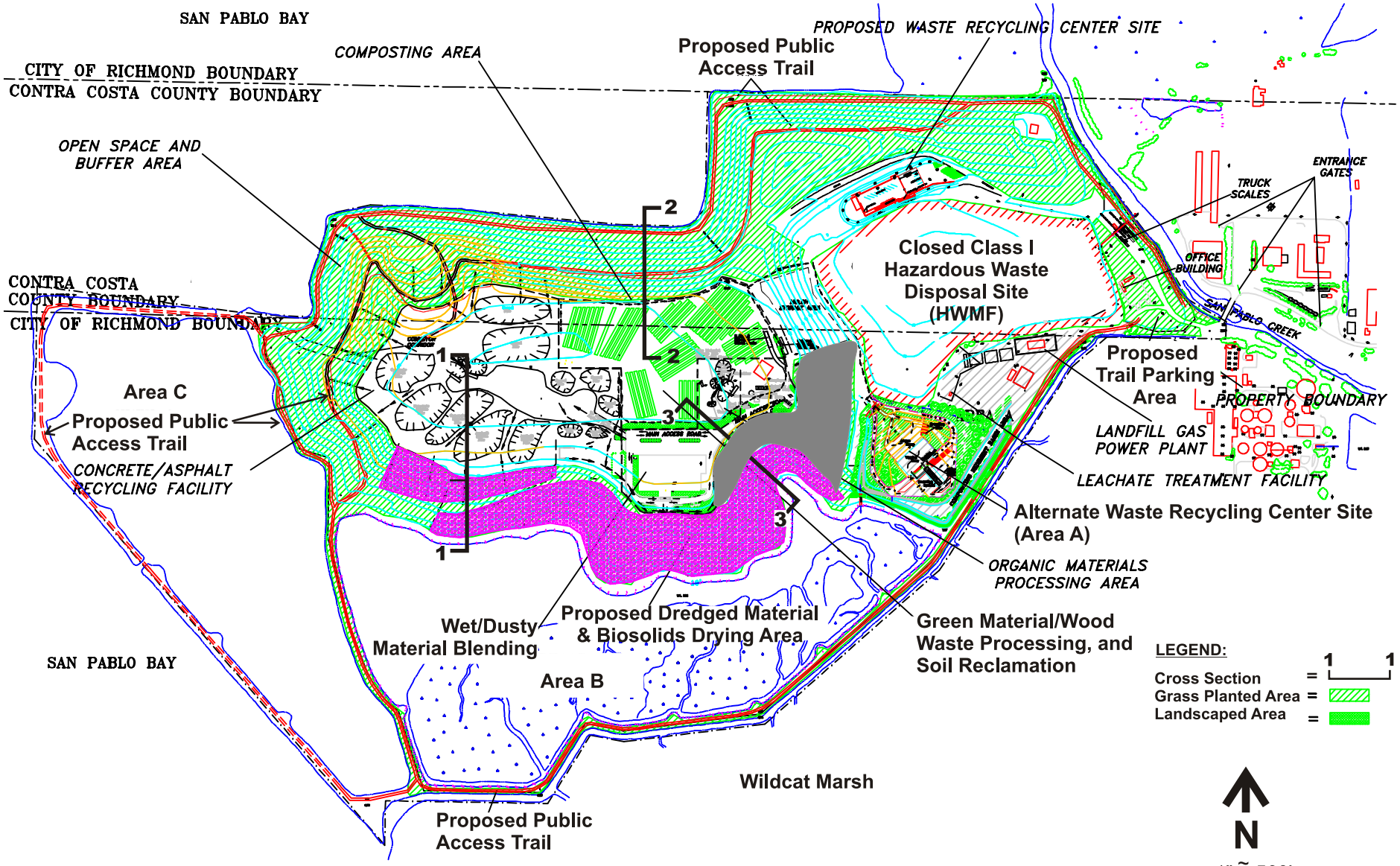
Source: WCL, January 2004

Figure 3-5A
Proposed WRC Site Access and Circulation Plan (New)



Source: WCL. February 2003

Figure 3-7 Proposed Public Access Plan Conceptual Design (Revised)

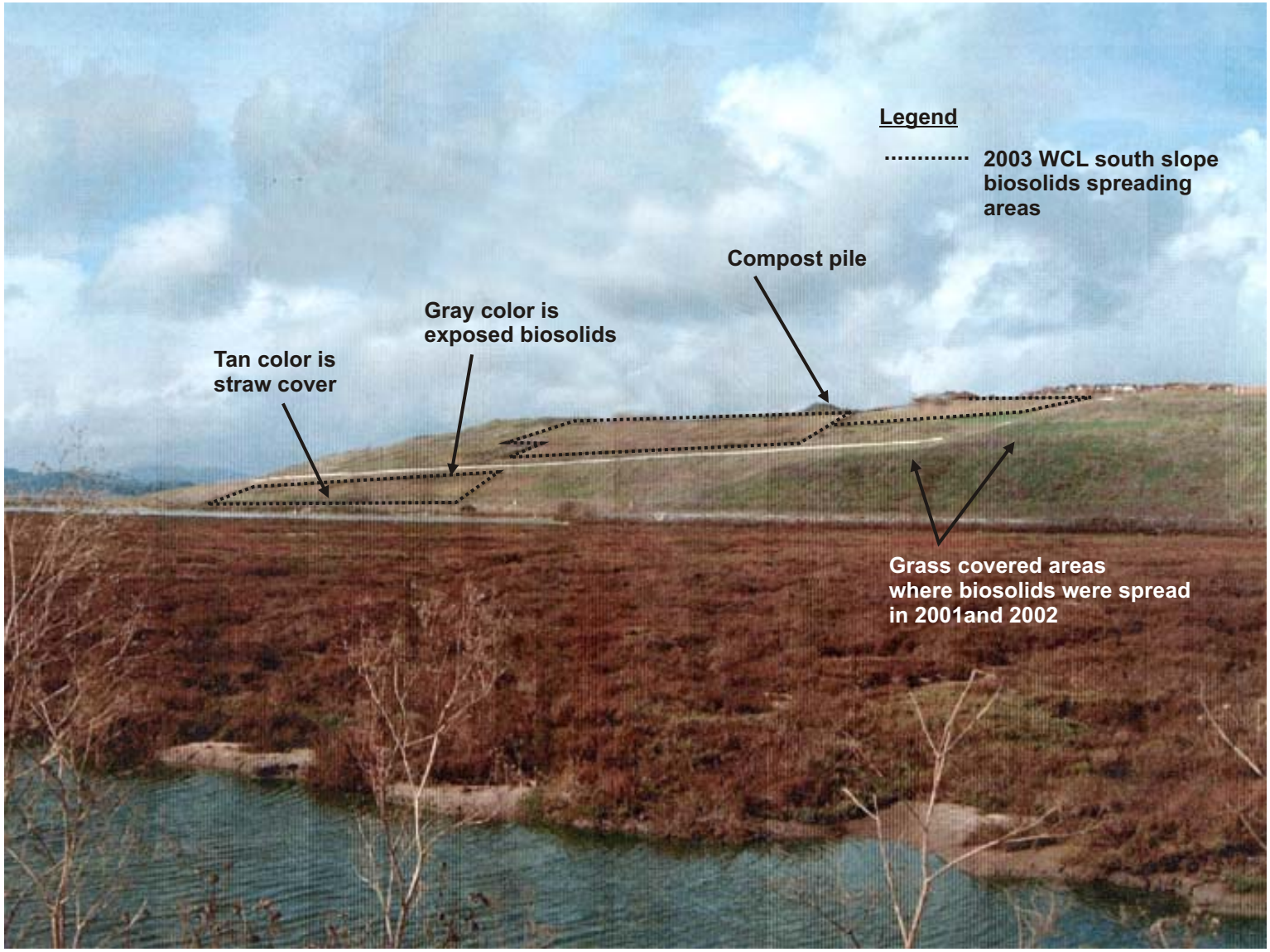


Source: WCL, February 2003

Figure 5-3 Location of Slope Stability Cross Sections (Revised)

Source: WCL, Inc., January 2004

Figure 7A. Sideslope Areas Prior to Biosolids Application in March 2003 (New)

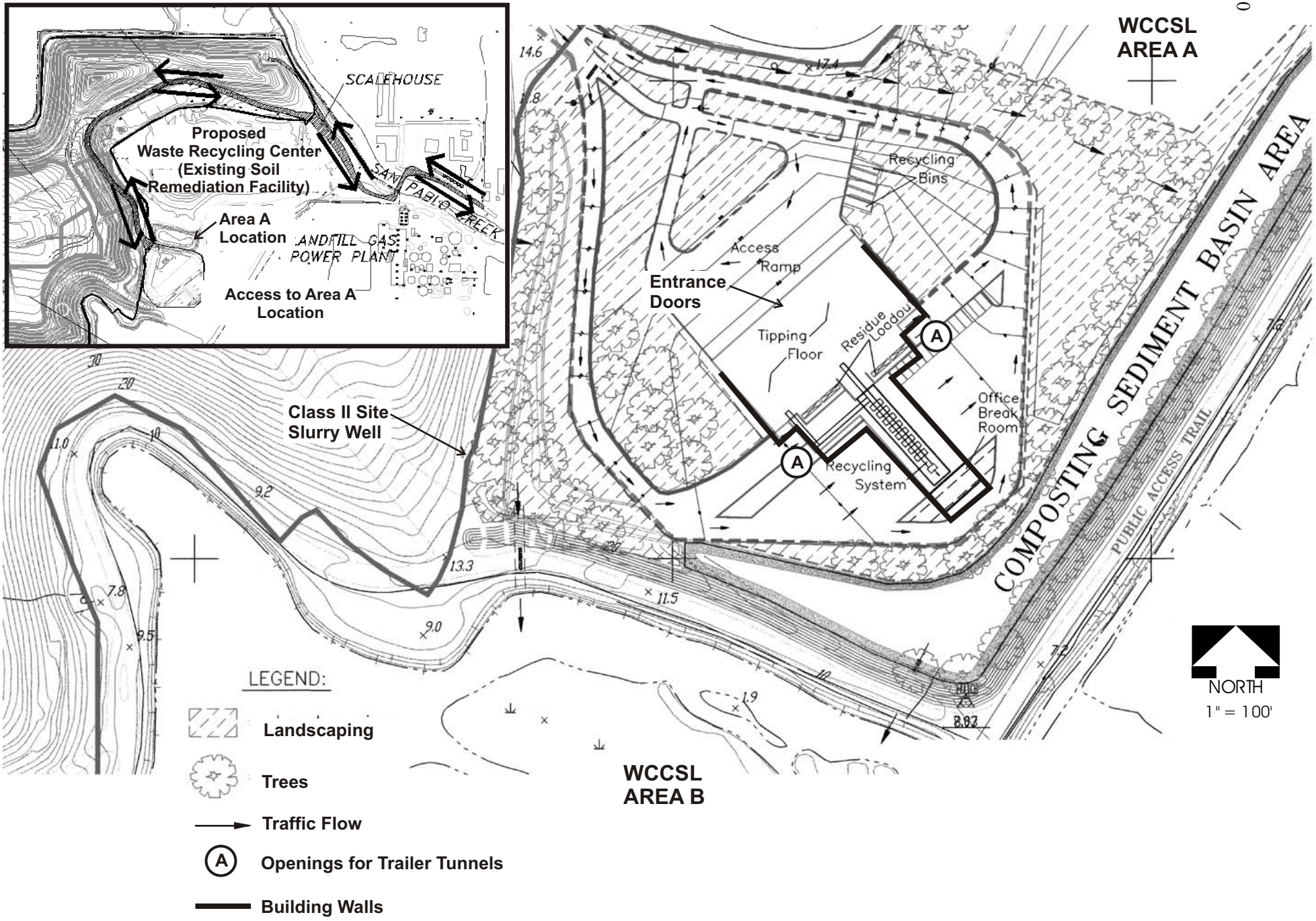


Source: WCL, Inc., December 2004

Figure 7B. View of Sideslope Areas Following Summer and Fall 2003 Biosolids Application (New)

Source: Illingworth & Rodkin, January 2004

Figure 12-1 Noise Measurement Locations (New)



Source: WCL, Inc., January 2003

Figure 13-2 Site Plan for WRC at Area A Location (Revised)